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ROHM AND HAAS COMPANY

EMPLOYEE HEALTH AND SAFETY
INDEPENDENCE MALL WEST
PHILADELPHIA, PA. 19105

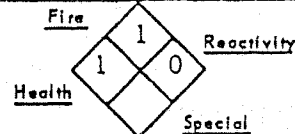
EMERGENCY PHONE

215-592-3000 (ROHM AND HAAS)
800-424-9300 (CHEMTREC)



HAZARD RATING:

4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT
* = CHRONIC HEALTH HAZARD - SEE SECTION IV



LIST 8

MATERIAL SAFETY DATA SHEET

MATERIAL ACRYLOID B-72 (100%)	CODE 6-5117	FREIGHT CLASSIFICATION PLASTIC GRANULES, NOI
FORMULA	CHEMICAL NAME AND SYNONYMS Solid - acrylic resin	

I. HAZARDOUS INFORMATION

SUMMARY	WEIGHT %	TWA/TLV
Acrylic polymer (slight health hazard) Residual monomer (moderate health hazard)**	100 0.1	10 mg/M3* ACGIH 10 ppm (ACGIH) *Nuisance dust
**Refer to note on bottom of reverse side.		

II. PHYSICAL DATA

APPEARANCE - COLOR - PH. Clear granules; mild acrylic odor			VISCOSITY NA
MELTING OR FREEZING POINT NA	BOILING POINT NA	VAPOR PRESSURE (MM HG) NA	VAPOR DENSITY (AIR = 1) NA
SOLUBILITY IN WATER Negligible	PERCENT VOLATILE (BY WT.) Nil	SPECIFIC GRAVITY (WATER = 1) 1.15	EVAPORATION RATE (BUTYL ACETATE = 1) NA

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT A	AUTO IGNITION TEMPERATURE Not determined	LOWER EXPLOSION LIMIT NA %	UPPER EXPLOSION LIMIT NA %
EXTINGUISHING MEDIA <input checked="" type="checkbox"/> FOAM <input type="checkbox"/> "ALCOHOL" FOAM <input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> DRY CHEMICAL <input checked="" type="checkbox"/> WATER FOG <input type="checkbox"/> OTHER			
SPECIAL FIRE FIGHTING PROCEDURES Wear MESA/NIOSH approved self-contained breathing apparatus (Schedule 13). Cool fire-exposed containers with water spray. Avoid use of straight stream of water (may create dust hazard).			
UNUSUAL FIRE AND EXPLOSION HAZARDS Acrylic resins will burn. Resin dust at sufficient concentration can ignite or explode. All ignition sources should be removed.			

IV. HEALTH HAZARD DATA

RECOMMENDED ROHM AND HAAS HEALTH GUIDE TWA (MAXIMUM TIME WEIGHTED AVERAGE CONCENTRATION FOR AN 8-HOUR WORK PERIOD)	
EFFECTS OF OVEREXPOSURE In poorly ventilated areas, exposure to residual monomer vapors from heated resins may be irritating to eyes, respiratory tract, and produce symptoms of headache, nausea. Inhalation of resin dust may irritate the nose, throat and upper respiratory tract. Prolonged or repeated skin contact with dust may cause a localized irritation leading to possible dermatitis. Direct eye contact with resin dust can cause eye irritation.	
EMERGENCY AND FIRST AID PROCEDURES	INHALATION Remove subject to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call physician.
	EYE AND SKIN CONTACT Immediately wash eyes with plenty of water for at least 15 minutes, if irritation persists consult physician; wash skin thoroughly with soap and water.
	INGESTION Ingestion of small quantities of this material under normal circumstances would not cause harmful effects.

V. REACTIVITY DATA

STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE		CONDITIONS TO AVOID Degrades rapidly at greater than 450F. Avoid contact with ignition sources.
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition: oxides of carbon, monomer fumes.		
HAZARDOUS POLYMERIZATION <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR		CONDITIONS TO AVOID NA
INCOMPATIBILITY (MATERIALS TO AVOID) <input type="checkbox"/> WATER <input checked="" type="checkbox"/> OTHER NA		

VI. SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Keep all unnecessary people away. Remove all sources of ignition. Wear MESA/NIOSH dust respirator. Damp resin powder or dust with water spray. Sweep up and place in container for recovery or disposal. Keep spill out of sewers and open bodies of water.

WASTE DISPOSAL METHODS

Incinerate in approved equipment or landfill according to current local, state and federal regulations.

VII. SPECIAL PROTECTION INFORMATION

TYPE VENTILATION Mechanical local exhaust at point of handling and use.	
RESPIRATORY PROTECTION Wear suitable MESA/NIOSH approved respirator where exposure limits are exceeded.	
PROTECTIVE GLOVES Impervious	EYE PROTECTION Safety glasses with side shields (ANSI Z87.1, 1968)
OTHER PROTECTIVE EQUIPMENT Eyewash station	

VIII. STORAGE AND LABELING

STORAGE TEMPERATURE MAX. 140F MIN.	INDOOR YES	HEATED NO	REFRIGERATED NO	OUTDOOR YES
COMMENTS Note: Residual monomer content under conditions of normal handling present no problems; however, monomer vapor can be released into workroom atmosphere when solid resins are heated or melted (local overheating can occur) if good ventilation is <u>not</u> used.				

IX. TOXICITY INFORMATION

X. MISCELLANEOUS INFORMATION

NOTE: Grinding or milling resin to fine particle size or milling finely powdered resins can generate static electricity, discharging can lead to ignition or explosion of dust/air mixtures and any flammable vapors produced. Therefore, all grinding, rolling mixing equipment, dust extraction machinery must be properly grounded.

NA = NOT APPLICABLE C = CEILING VALUE CODE 6-5117	THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSON PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE DATA SHEET. ADDITIONALLY, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ABNORMAL USE OF THE MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED. FURTHER MORE, VENDEE ASSUMES THE RISK IN HIS USE OF THE MATERIAL.	DATE OF ISSUE 12/78	SUPERSEDES 11/72
		PREPARED BY Walter R. Topinka	